## EAST Search History

| Ref # | Hits | Search Query                              | DBs                    | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------|---------------------|---------|---------------------|
| L1    | 1    | "6775256".pn.                             | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2008/04/02<br>10:30 |
| L2    | 1    | "6731668".pn.                             | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2008/04/02<br>11:46 |
| L3    | 1    | "20030123477".pn.                         | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2008/04/02<br>11:47 |
| S1    | 1    | "20050002357".pn.                         | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2007/09/30<br>20:53 |
| S2    | 792  | 370/332.ccls.                             | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/29<br>11:21 |
| S3    | 659  | code same (data adj<br>packet) same power | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/28<br>16:45 |
| S4    | 6    | S2 and S3                                 | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/28<br>16:47 |
| S5    | 195  | shannon adj capacity                      | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/28<br>16:46 |
| S6    | 241  | cost same lagrange                        | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/28<br>16:47 |
| S7    | 1    | S2 and S6                                 | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/28<br>16:47 |
| S8    | 3038 | 370/335.ccls.                             | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/29<br>11:21 |
| S9    | 3273 | 370/342.ccls.                             | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/29<br>11:21 |
| S10   | 1513 | S8 and S9                                 | US-<br>PGPUB;<br>USPAT | AND                 | ON      | 2006/11/29<br>11:26 |

| S11 | 659   | code same (data adj<br>packet) same power                       | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/11/29<br>11:26 |
|-----|-------|---|------------------------|-----|----|---------------------|
| S12 | 33    | S11 and S10   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/11/29<br>11:49 |
| S13 | 32651 | power near availab\$5   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/11/29<br>11:27 |
| S14 | 91    | S10 and S13   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:38 |
| S15 | 0     | S14 and (quality near class)                                    | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/11/29<br>11:41 |
| S16 | 2     | S14 and (priorit\$3 same class)                                 | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/11/29<br>11:41 |
| S17 | 1     | S14 and ((channel near quality) same priorit\$3)                | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/11/29<br>12:08 |
| S18 | 3045  | 370/335.ccls.   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:36 |
| S19 | 3278  | 370/342.ccls.   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:36 |
| S20 | 1513  | S18 and S19   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:36 |
| S21 | 32712 | power near availab\$5   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:36 |
| S22 | 91    | S20 and S21   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:36 |
| S23 | 0     | S22 and (shannon adj<br>capacity) near (power<br>near estimate) | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:37 |
| S24 | 0     | S22 and (shannon adj<br>capacity) same (power<br>near estimate) | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:37 |
| S25 | 0     | S22 and ((shannon adj<br>capacity) near power)                  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:37 |

| S26 | 0     | S22 and (shannon adj<br>capacity)  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:37 |
|-----|-------|--|------------------------|-----|----|---------------------|
| S27 | 195   | shannon adj capacity   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:37 |
| S28 | 0     | S22 and S27  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:37 |
| S29 | 1     | S20 and S27  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:40 |
| S30 | 78784 | "370"/\$.ccls.   | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>07:40 |
| S31 | 26    | S27 and S30  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>08:12 |
| S32 | 0     | S22 and ((cost same equation) near power)  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>08:13 |
| S33 | 0     | S20 and ((cost same equation) near power)  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>08:13 |
| S34 | 2     | S22 and (cost near power)  | US-<br>PGPUB;<br>USPAT | AND | ON | 2006/12/01<br>08:13 |
| S35 | 1     | "20020034170".pn.  | US-<br>PGPUB;<br>USPAT | AND | ON | 2007/09/30<br>20:53 |
| S36 | 3     | (allocating or assigning) with ((channel adj2 codes) and (transmission adj power)) | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:01 |
| S37 | 23    | (allocating or assigning) with ((codes and power) with packet)                     | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:07 |
| S38 | 1574  | (adjust or assign or allocate) with (power and code)                               | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:38 |
| S39 | 9     | optimize near capacity<br>near channel   | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:38 |

| S40 | 32 | optimiz\$5 near<br>capacity near channel   | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:40 |
|-----|----|--|------------------------|-----|----|---------------------|
| S41 | 0  | S38 and S40  | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:40 |
| S42 | 5  | ((adjust or assign or allocate) with (power and code)) same (channel near5 capacity) | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>21:40 |
| S43 | 37 | (adjust or assign or allocate) with (power and code).ab.                             | US-<br>PGPUB;<br>USPAT | AND | ON | 2008/04/01<br>22:07 |

## 4/2/2008 11:49:21 AM

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